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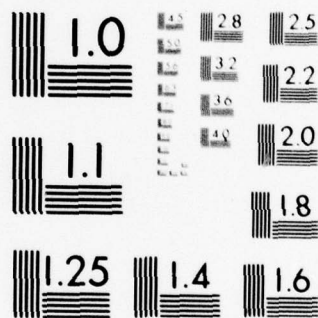
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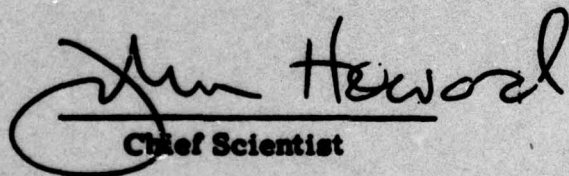


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INTRODUCTION

The Air Force Geophysics Laboratory (AFGL) is the Air Force Center for environmental research and development. It is responsible for the execution of the Air Force research and exploratory development programs in the environmental sciences and in certain areas of the physical and engineering sciences involving terrestrial, atmospheric, and space environments. AFGL has one of the largest research libraries in the country with holdings of close to a quarter of million items. Owing to the scholarly beginnings of the organization, the library collection contains some rather unusual, one of a kind, and, hard to find research statistics and books. Because of the large amount of disasters befalling mankind within the last five years, it was decided to compile this bibliography of materials on various disastrous natural phenomena in the AFGL Research Library in the hopes that it might aid scientists in gaining better understanding of the phenomena and thus enabling them to devise better rescue methods to save human lives.

DISASTERS (General)

Burton, Ian. The environment as hazard. Oxford University Press, 1978.
GB 5014.B87

"A summing up of what we think has been learned so far as to how individuals and social groups respond to extreme events in nature ... it contains tentative conclusions that many of our colleagues believe should be re-examined, and uses methods that cry out for refinement."

Cochrane, Harold C. Natural hazards and their distributive effects: a research assessment. Boulder, Institute of Behavioral Science, Univ. of Colorado, 1975. GB 5007.C6

Corliss, William R. Strange phenomena: a source book of unusual natural phenomena. Glen Arm, Md., 1974- QE 53.C67

Cornell, James. It happened last year: earth events 1973. A report on the planet for 1973 from the Smithsonian Institution Center for Short-lived Phenomena. New York, Collier Books, 1974. GB 70.C67

Cotton, Charles A. Climatic accidents in landscape making. New York, Wiley, 1948. QE 571.C59 1948

Croll, James. Climate and time in their geological relations: a theory of secular changes of the earth's climate. Edinburgh, Black, 1885.
RR QE 689.C92 1885

Ericksen, Nail J. Scenario methodology in natural hazards research. Boulder, Institute of Behavioral Sciences, Univ. of Colorado, 1975.
GB 5005.E74

Fuchs, Vivian. Forces of nature. Edited by Sir Vivian Fuchs. New York, Holt, Rinehard and Winston, 1977. GB 5014.F67

Geological hazards: earthquakes, tsunamis, volcanoes, avalanches, landslides, floods, by B. A. Bolt (et al) New York, Springer, 1975, and revised and updated 2d edition, 1977. QE 501.3.G46 1977

Also contains: ground subsidence, hazard mitigation and control, including geological risk maps, the California urban geology study, geological hazard insurance, seismic risk zoning and building codes, and various appendixes.

(Received for publication 19 March 1979)

Gribbin, John R. Forecasts, famines, and freezes: climate and man's future. New York, Walker, 1976. QC 981.8.C5 G74 1976

Lane, Frank Walter. The elements rage. Philadelphia, Chilton Books, 1965. QC 866.L3 1965

Maloney, William Edward. The great disasters. Produced by Jean-Claude Soares; designed by Eric Seidman; picture research by Jackie Astor. New York, Grosset & Dunlap, c1976. D 24.M34

NATO Advanced Study Institute, Newcastle-upon-Tyne, Eng., 1972. Implications of continental drift to earth sciences. New York, Academic Press, 1975. 2 volumes. QE 511.5.N39 1972

Proceedings of SESAME (Severe Environmental Storms and Mesoscale Experiment) open meeting at Boulder, Colorado, Sept. 4-6, 1974. D. K. Lilly, editor. Boulder NOAA, 1975. QC 940.6.P76 1974

Scheidegger, Adrian E. Physical aspects of natural catastrophes. Amsterdam, Elsevier Scientific Publishing, 1975. GB 70.S33

Schneider, Stephen Henry. The Genesis strategy: climate and global survival. By Stephen H. Schneider and Lynne E. Mesirow. New York, Plenum Press, 1976. QC 981.8.C5 S36

Smithsonian Institution. Center for Short-lived Phenomena. The pulse of the planet: a state of the earth report. Compiled and edited by James Cornell and John Surowiecki. New York, Harmony Books, 1972. GB 70.S63 1972

Tank, Ronald Warren. Focus on environmental geology: a collection of case histories and readings from original sources; selected and edited by Ronald Tank. 2d ed. New York, Oxford University Press, 1976. GB 5020.T36 1976

Termier, Henri. Erosion and sedimentation, by Henri Termier and Genevieve Termier. Princeton, N. J., Van Nostrand, 1963. QE 571.T413

Weyher, Ch. L. Sur les tourbillons trombes, tempetes et spheres tour-nantos: etude et experiences. 2d ed. Paris, Gauthier-Villars, 1889. QC 957.W48+ 1889

White, Gilbert Fowler. Assessment of research on natural hazards (by) Gilbert F. White (and) J. Eugene Haas. Cambridge, Ma., M.I.T. Press, c1975. GB 121.W4

DROUGHTS

North American droughts; edited by Norman J. Rosenberg. Published ~~For~~ the American Association for the Advancement of Science, Washington, D. C. by Westview Press in Boulder, Colorado, 1978. QC 929.D8 N66+

Warrick, Richard A. Drought hazard in the United States: a research assessment. Richard A. Warrick, with Patricia B. Trainer, Earl J. Baker, Waltraud Bringmann. Boulder, Institute of Behavioral Science, Univeristy of Colorado, 1975. QC929.D8 W29

EARTHQUAKES

Adams, William Manfield. Earthquakes: an introduction to observational seismology. Boston, Heath, 1964. QE 534.A33

Akademiia Nauk SSSR. Geofizicheskii Institut. Investigation of the mechanism of earthquakes. (Soviet research in geophysics, vol. 4, in English translation) New York, American Geophysical Union, 1960. QE 534.A363

Akademiia Nauk SSSR. Sovet po Seismologii. Atlas zemletriasenii v SSSR. Moskva, Izd-vo Akademii Nauk, 1962. G 2111.C55 A3 1962

Akademiia Nauk SSSR. Sovet po Seismologii. Zemletriaseniia v SSSR. Moskva, Izd-vo Akademii Nauk, 1961. QE 536.A55

Andrews, Allen. Earthquake. London, Angus & Robertson, 1963. QE 534.A5

Averianova, Valentina N. Seismic foci in the Far East. Jerusalem, Israel Program, 1973. QE 537.2.R9 A913

Baratta, Mario. La catastrofe sismica Calabro Messinese (28 dicembre, 1908) Relazione alla Societa Geografica Italiana. Roma, Presso la Societa Geografica Italiana, 1910. (Text and Atlas) QE 536.B3

British Association for the Advancement of Science. Committee on Seismological Investigations. A catalogue of destructive earthquakes A.D. 7 to A.D. 1899, by John Milne. (Translations from Chinese, Japanese, Russian, Icelandic, and other sources) QE 534.B8 1912

Byerly, Perry. Pacific Coast earthquakes. Eugene, Oregon State Systems of Higher Education, 1952. QE 535.B95

California. Dept. of Water Resources. The Alaskan earthquake. Sacramento, 1965. QE 535.C13

California. Division of Mines. Earthquakes in Kern County, Calif., during 1952. A symposium on the stratigraphy, structural geology, and origin of the earthquakes; their geological effects, seismological measurements, etc. San Francisco, 1955. OVSZ TN 24.C2 A3 no.171

California. University. Earthquake Engineering Research Center. Library. Earthquake engineering Research Center Library printed catalog. Prepared under the sponsorship of the National Science Foundation, 1975. TA 658.44.C37+

Carder, Dean S., editor. Earthquake investigation in the Western United States, 1931-1964. Washington, U.S. Dept. of Commerce, Coast and Geodetic Survey (for sale by Superint. of Docs., GPO) 1965. QE 535.C28

Choffat, Paul. Etudes sur le seisme du Ribatejo du 23 Avril 1909, par Paul Choffat et Alfred Bensaude. Lisbonne, Imprimerie Nationale, 1911. QE 536.C5

Chung-kuo K'o-Hsueh-Yuan. Ti-Ch'iu Wu-Li Yen-Chiu-So. Chung-kuo Ti-chen Mu-lu. 1970. (Reprinted by Center for Chinese Research Materials, Assoc. of Research Libraries, 1976) Washington, D.C., 1976. (100 copies reprinted) QE 537.C48 1976

Coffman, Jerry L. Earthquake history of the United States. Boulder, Colo., Environmental Data Services, 1973. QE 535.C63

Conference on Tectonic Problems of the San Andreas Fault System, Stanford University, 1973. Proceedings. Stanford, California, 1973. QE 606.C64 1973

Davison, Charles. A history of British earthquakes. Cambridge, Eng., The University Press, 1924. QE 536.D3

Davison, Charles. The origin of earthquakes. New York, G.P. Putnam, 1912. QE 534.D3

Davison, Charles. A study of recent earthquakes. London, Walter Scott, 1905. QE 534.D26

Dynamic waves in civil engineering; proceedings of a conference, organized by Earthquake and Civil Engineering Dynamics. New York, Wiley, 1971. TH 654.6.D96

Earthquake engineering. Contributing authors: Bruce A. Bolt and others. Englewood Cliffs, N.J., Prentice-Hall, 1970. OVSZ TA 658.44.E2

Earthquake Environment Simulation Workshop, San Francisco, 1973.
Simulation of earthquake effects on structures; proceedings. Washington, National Assoc. of Engineering, 1974. QE 539.2.S4 E75+ 1973.

Eiby, G.A. About earthquakes. New York, Harper, 1957. QE 534.E35 1957a

Engle, Eloise Katherine. Earthquake. The story of Alaska's Good Friday disaster. New York, John Day Co., 1966. QE 535.E5

European Seismological Commission Symposium, Luxembourg, 1975. On earthquake risk for nuclear power plants. Proceedings of the E.S.C. Symposium in Luxembourg on 20-22 October 1975. DeBilt, Royal Netherlands Meteorological Institute, 1976. QE 539.E93+ 1975

Freeman, John Ripley. Earthquake damage and earthquake insurance; studies of a rational basis for earthquake insurance, also studies of engineering data for earthquake-resisting construction. New York, McGraw-Hill, 1932. TH 1095.F7

Geological hazards: earthquakes, tsunamis, volcanoes, avalanches, landslides, floods. Revised 2d edition. N. Y. Springer-Verlag, 1977. Appendices: Notable world earthquakes; Important earthquakes of the U.S., Canada and Mexico. QE 501.3.G46 1977

Golitsyn, Boris Borisovich, kniaz. Zur Methodik der seismoneutralen Beobachtungen. St. Petersburg, K. Akademie der Wissenschaften, 1903-08. OVSZ QE 534.G34+

Goll, Friedrich. Die Erdbeben Chiles: ein Verzeichnis der Erdbeben und Vulkanausbrueche in Chile, bis zum Jahre 1879. (Based on observations made in Valparaiso by Dr. Heinrich von Dessauer, from Jan. 1, 1872 - Aug. 9, 1879) Muenchen, Theodor Ackermann, 1903. QE 535.G62 1903

Grant-Taylor, T.L. Microzoning for earthquake effects in Wellington, New Zealand. Wellington, 1974. QE 537.N48+

Gribbin, John R. The Jupiter effect. New York, Walker, 1974. QE 538.8.G74 1974

Gutenberg, Beno. Seismicity of the earth and associated phenomena, by B. Gutenberg and C.F. Richter. Princeton, Princeton Univ. Press, 1949. (2d ed. 1954) QE 534.G785

Halacy, Daniel Stephen. Earthquakes: a natural history. Indianapolis, Bobbs-Merrill, c1974. QE 534.2.H33

Heck, Nicholas Hunter. Earthquakes. Princeton, Princeton Univ. Press, 1936. (Reprinted 1965) QE 534.H4

Hileman, James A. Seismicity of the southern California region, 1 Jan. 1932 to 31 Dec. 1972 (by) James A. Hileman, Clarence R. Allen (and) John M. Nordquist. Pasadena, Seismological Lab., Cal Tech, 1973. QE 535.2.U6 H59+ 1972

Hoang, Pierre. Catalogue des tremblements de terre signales en Chine, d'apres les sources Chinoises (1967 avant J.C.-1895 apres J.C.) Par le R.P. Pierre Hoang, du clerge de Nan-king. Chang-hai, Imprimerie de la Mission Catholique, 1909-1913. (2 volumes) (Translations of Chinese originals into French) QE 537.2.C6 H63+

Hobbs, William Herbert. Earthquakes; an introduction to seismic geology. London, Sidney Appleton, 1908. "Seismological journals": p.311-312. QE 534.H68

Hodgson, John Humphrey. Earthquakes and earth structure. Englewood Cliffs, N.J., Prentice-Hall, 1964. QE 534.H69

Hoernes, Rudolf. Erdbebenkunde. Die Erscheinungen und Ursachen der Erdbeben, die Methoden ihrer Beobachtung. Leipzig, Veit, 1893. QE 534.H7

Hollister, John C. Geophysical and geological studies of the relationships between the Denver earthquakes and the Rocky Mountain Arsenal well. Golden, Colorado School of Mines, 1968- TN 210.C68 v.63 no.1, pt.B

Hundemann, Andrey S. Seismology: a bibliography with abstracts covering period 1974-Oct. 1975. Springfield, Va., NTIS, 1975. QE 539.2.H64+

International Symposium on Computer Aided Seismic Analysis and Discrimination, Falmouth, Ma., 1977. Proceedings of the International Symposium on Computer Aided Seismic Analysis and Discrimination, June 9-10, 1977. QE 541.I58+ 1977

Japan. Koseisho. Shakaikyoku. The great earthquake of 1923 in Japan. Compiled by the Bureau of Social Affairs, Home Office, Japan. Tokyo, 1923. QE 537.J3 1926

Jung, Karl. Kleine Erdbebenkunde. 2d verb. Aufl. Berlin, Springer, 1953. QE 534.J8 1953

Leet, Lewis Don. Causes of catastrophe; earthquakes, volcanoes, tidal waves, and hurricanes. New York, Whittlesey House, 1948. QE 506.L4

Leet, Lewis Don. Earth waves. Cambridge, Harvard Univ. Press, 1950 QE 539.L38

Leet, Lewis Don. Earthquake: discoveries in seismology, by L. Don and Florence Leet. New York, Dell, 1964. QE 534.L42

- Leet, Lewis Don. Practical seismology and seismic prospecting. New York, London, Appleton, 1938. QE 534.L43
- Lew, Hai Sang. Engineering aspects of the 1971 San Fernando earthquake. Washington, GPO, 1971. TA 435.U58 no.40
- Lomnitz, Cinna. Global tectonics and earthquake risk. New York, Elsevier, 1974. QE 501.L64
- Macelwane, James Bernard. When the earth quakes. Milwaukee, Bruce, 1947. QE 534.M33
- Meldola, Raphael. Report on the East Anglian earthquake of April 22, 1884. (List of British Earthquakes which have caused structural damage, p.3-11; additions and corrections to List of British Earthquakes: p. 221-222. QE 536.M5
- Milne, John. Earthquakes and other earth movements. London, Paul, Trench, Trubner, 1893. (Contains an extensive bibliography) QE 534.M62
- Montessus de Ballore, Fernand, compte de. La geologie seismologique; les tremblements de terre. Paris, A. Colin, 1924. QE 534.M79
- Montessus de Ballore, Fernand, compte de, 1851-1923. La science seismologique; les tremblements de terre, avec une preface per M. Ed. Suess. 222 figures et cartes dans le texte et hors texte. Paris, A. Colin, 1907. QE 534.M8
- Montessus de Ballore, Fernand, compte de. Les tremblements de terre, geographie seismologique. Paris, Colin, 1906. QE 534.M78
- National Antarctic Expedition, 1901-1904. Physical observations with discussions by various authors. Prepared under the superintendence of the Royal Society, 1908. (Chapter III: Earthquakes and other earth movements recorded in the Antartic regions 1902-03. OVSZ G 850.1901 D65
- National Research Council. Committee on the Alaska Earthquake. The great Alaska Earthquake of 1964. Washington, National Academy of Sciences, 1968-73. (10 volumes) OVSZ QE 535.N3
- National Research Council. Committee on the Alaska Earthquake. Toward reduction of losses from earthquakes... Washington, National Academy of Sciences, 1969. QE 539.N37
- National Research Council. Panel on Earthquake Prediction of the Committee on Seismology. Predicting earthquakes; a scientific and technical evaluation... with emlications for society. Washington, National Academy of Sciences, 1976. QE 538.8.N37 1976

National Research Council. Panel on the Public Policy Implications of Earthquake Prediction. Earthquake prediction and public policy. Washington, National Academy of Sciences, 1975. QE 535.2.U6 N37 1975

NATO Advanced Study Institute, Reykjavik, 1974. Continuum mechanics aspects of geodynamics and rock fracture mechanics: proceedings. Boston, Reidel, (1974) QE 501.N33 1974

NATO Advanced Study Institute, U. of Western Ontario, 1969. Earthquake displacement fields and the rotation of the earth. Conference organized by the Dept. of Geophysics, U. of Western Ontario, London, Canada. Dordrecht, Reidel, 1970. QE 531.N66 1969

Niddrie, David. When the earth shook. London, Hollis & Carter, 1961. QE 534.N5

Neumann, Frank. Earthquake intensity and related ground motion. Seattle, Univ. of Washington Press, 1954. QE 539.N48

Newmark, Nathan M. Fundamentals of earthquake engineering. Englewood, Cliffs, N.J., Prentice-Hall, 1971 TA 654.6.N49

Penick, James L. The new Madrid earthquake of 1811-1812. Columbia, Univ. of Missouri Press, 1976. QE 535.2.U6 P46

Pickett, George R. Seismic wave propagation and pressure measurements near explosions. Golden, Colorado School of Mines, 1955. QE 539.P5

Ramachandra Rao, M.B. A compilation of papers on the Assam earthquake of August 15, 1950. Calcutta, 1953. QE 537.R3

Reports on geodetic measurements of crustal movement, 1906-71. Washington, GPO, 1973. QE 535.2.U6 R46

Rikitake, Tsuneji. Earthquake prediction. New York, Elsevier, 1976. (357 p.) QE 538.8.R53

Rothe, Jean Pierre. The seismicity of the earth, 1953-1965. Paris, UNESCO, 1969. (SC.68/D.670 AF) AS 4.U8 A15

Schmidt, Johann Friedrich Julius. Studien ueber Erdbeben. Leipzig, Carl Scholtze, 1874-75. (2 vol. in 1) QE 501.3.S36+

Sieberg, August Heinrich. Geologische, physikalische und angewandte Erdbebenkunde...mit Beitragen von Beno Gutenberg. Jena, Fischer, 1923. QE 534.S5

Strassburg, K. Hauptstation fuer Erdbebenforschung. Katalog der im Jahre 1903 bekannt gewordenen Erdbeben; zusammengestellt und herausgegeben von Prof. Dr. E. Rudolph. Leipzig, Wilhelm Englemann, 1905. QE 534.S9

Structural Engineering Association of California. Seismology Committee. Recommended lateral force requirements. San Francisco, 1973. Library has volumes for 1973 and 74 only. TH 1095.S752+

Symposium on Earthquake and Blast Effects on Structures, Los Angeles, 1952. Proceedings. Ed. by C. Martin. Symposium sponsored by Earthquake Engineering Research Institute and the Univ. of California. TH 1095.S8 1952

Tatsch, J.H. Earthquakes: cause, prediction, and control; an analysis of the cause, prediction, and control of earthquakes in terms of a single, long-lived, deep-seated, global driving mechanism that has been operating during the entire 4.6 billion years that the earth is believed to have been in existence. Sudbury, Mass., Tatsch Assoc., 1977. QE 5342.T38+

Tucker, Paul M. Pitfalls in seismic interpretation, by Paul M. Tucker and Howard J. Yorsten. Tulsa, Oklahoma, Society of Exploration Geophysicists, 1973. QE 541.T8

United Nations Educational, Scientific and Cultural Organization. Annual summary of information on natural disasters... Paris, Unesco, 1966- Library has volumes from 1966-74. HV 553.A53+

United Nations Educational, Scientific and Cultural Organization. Technical Assistance Mission. The Skopje earthquake of 26 July 1963. Report of the UNESCO Technical Assistance Mission. Paris, UNESCO, 1968. QE 536.U5

United States. Army. Far East Command. The Fukui earthquake, Hokuriku region, Japan, 28 June 1948. Tokyo, 1949. OVSZ QE 537.U53 1948c

United States. Coast and Geodetic Survey. Earthquake history of the United States. Washington, GPO, 1951. Part 1: Continental U.S. and Alaska. QE 535.U622. Part 2: Stronger earthquakes of California and Western Nevada. QE 535.U63

United States. Coast and Geodetic Survey. Earthquake investigation in the United States, 1925-. Washington, GPO, 1925-. Library has investigation for 1962 only. QE 534.U28 1962

United States. Coast and Geodetic Survey. The Fairbanks, Alaska earthquake of June 21, 1967. Washington, GPO, 1968. QE 535.U6313

United States. Coast and Geodetic Survey. The Prince William Sound, Alaska, earthquake of 1964 and after shocks. Washington, GPO, 1966-69. (3 volumes in 1) OVSZ QE 535.U627

United States. Federal Council for Science and Technology. Ad Hoc Interagency Working Group for Earthquake Research. Proposal for a ten-year national earth hazards program; a partnership of science and the community. Washington, 1969. QE 535.U72

United States. National Oceanic and Atmospheric Administration. Study of earthquake losses in the San Francisco Bay Area. Washington, 1972. QE 535.2.U63+

United States. National Oceanic and Atmospheric Administration. Environmental Data Service. Earthquake history of the United States. Edited by Jerry L. Coffman and Carl A. von Hake. Revd. ed. Washington, GPO, 1977. QE 535.U633+ 1977

United States. National Science Foundation. RANN Research Applications Directorate. Earthquake prediction and hazard mitigation options for USGS and NSF programs, September 1976. Washington, D.C., 1977. QE 538.8.U588+ 1976

United States. Office of Science and Technology Policy. Working Group on Earthquake Hazards Reduction. Earthquake hazards reduction: issues for an implementation plan. Washington, The Office, 1978. QE 538.8.U588+

United States-Japan Conference on Research Related to Earthquake Prediction. Proceedings. 1964- QE 538.8.U5 1964

Vienna. Zentralanstalt fuer Meteorologie und Geodynamik. Festschrift der Zentralanstalt fuer Meteorologie und Geodynamik: zur Feier ihres 75 jahriges Bestandes in Jahre 1926. (Abdruck der Sitzungsberichten und den Mitteilungen der Erdbeben Kommission der Adademie der Wissenschaften. Wien, 1926. QE 505.5.V54+ 1926

White, Anthony G. Earthquakes and cities: a selected bibliography. Monticello, Ill: Council of Planning Librarians, 1976. TH 1095.W58+

Workshop on Rare Event/Accident Research Methodology. National Bureau of Standards, 1976. Rare event/accident research methodology: proceedings... Washington, U.S. Dept of Commerce. GPO, 1977. QC 100.U57 no.482

FLOODS

Brown, Walter R. Historical catastrophes, floods, by Walter R. Brown and Billye W. Cutchen. Reading, Mass., Addison-Wesley, c1975. GB 1205.B76

Geological hazards: earthquakes, tsunamis, volcanoes, avalanches, landslides, floods, by B.A. Bolt (et al). New York, Springer, 1975. 1st and 2d editions. QE 501.3.G46

World catalogue of very large floods. Paris, UNESCO Press, 1976. GB 1399.W67

GLACIERS

Agassiz, Luis. Etudes sur les glaciers (with an atlas of plates). London, Dawsons, 1966. (Original ed. publ. in 1840, Neuchatel, Jent et Gassmann. QE 576.A26 1966

Ahlmann, Hans W. Glacier variations and climatic fluctuations; Series 3. New York, American Geographical Society, 1953. GB 2403.A5 1953

Fristrup, Borge. The Greenland ice cap. (Translated from Danish). Copenhagen, Rhodos, c.1966. OVSZ GB 2596.G7 F73

Kingery, W.D. Ice and snow; properties, processes, and applications. Proceedings of a conference held at M.I.T. in 1962. Sponsored by the Terrestrial Sciences Lab., Geophysics Research Directorate, Air Force Cambridge Research Laboratory (and) Polar Research Division, U.S. Naval Civil Engineering Laboratory, Port Hueneme, Calif. Cambridge, Mass., M.I.T. Press, 1963. GB 2405.K55

Russell, Israel Cook. Existing glaciers in the U.S. Extracts from the 5th annual report of the director of the U.S. Geological Survey, 1883-84. Washington, GPO, 1885. OVSZ GB 2415.R87+

Sharp, Robert P. Glaciers. Eugene, Oregon State System of High Education, 1960. GB 2403.S5

Tarr, Ralph Stockman. Alaskan glacier studies of the National Geographic Society in the Uakutat Bay, Prince William Sound and lower Copper River regions. Based upon the field work in 1909, 1910, 1911, and 1913. Washington, National Geographic Society, 1914. QE 576.T3

LANDSLIDES

Collin, Alexandre. Landslides in clays, 1846. Translated from the French. Toronto, Univ. of Toronto Press, 1956. TA 710.C573 1956

Geological hazards: earthquakes, tsunamis, volcanoes, avalanches, landslides, floods, by B.A. Bolt (et al). New York, Springer, 1975. 1st and 2d editions. QE 501.3.G46

Zaruba, Quido. Landslides and their control. (Autori: Quido Zaruba and Vojtech-Mencl. Translated from Chech.) QE 599.C9 Z363

STORMS

Alberta hailstorms. Boston, American Meteorological Society, 1973.
OVSZ QC 929.H15 A44+

Allen, Everett S. A wind to shake the world: the story of the 1938 hurricane. Boston, Little Brown, cl976. QC 959.U6 A44

Australia. Bureau of Meteorology. Tropical cyclones in the Northern Australian regions 1964/65-. Melbourne, 1966/67-. Library has volume for 1966-67; 1968-69. QC 947.A783

Brinkmann, Waltraud A.R. Hurricane hazard in the United States: a research assessment. Waltraud A.R. Brinkmann, in collaboration with Paul C. Huszar (et al). (Boulder) Institute of Behavioral Science, Univ. of Colorado, 1975. QC 959.U6 B78

Brinkmann, Waltraud A.R. Severe local storm hazard in the United States: a research assessment. Waltraud A.R. Brinkmann, in collaboration with Duane D. Baumann (et al). (Boulder) Institute of Behavioral Science, Univ. of Colorado, 1975. QC 959.U6 B79

Crutcher, Harold L. South Indian tropical cyclone strike probabilities, by Harold L. Crutcher and Lee R. Hoxit. (Washington) Naval Weather Service Command (1973). QC 947.C77

Crutcher, Harold L. South Indian tropical cyclone vector mean charts, by Harold L. Crutcher and Murray L. Nicodemus. (Ashville, N.C.) Published by the direction of the Commander, Naval Weather Service Command (1973). (10 p.) QC 947.C78

Eagleman, Joe R. Thunderstorms, tornadoes, and building damage. Joe R. Eagleman, Vincent U. Muirhead, Nicholas Willems. Lexington, Mass., Lexington Books (1975). QC 955.E33

Fleming, Robins. Wind stresses in buildings, with a chapter on earthquake resistance. New York, Wiley, 1945. TH 891.F6 1945

Gokhale, Naravan R. Hailstorms and hailstone growth. Albany, N.Y., State Univ. of New York Press, cl975. QC 929.H15 G64

Ludlum, David McWilliams. Early American tornadoes, 1586-1870. Boston, American Meteorological Society, 1970. QC 857.U6 H56 no.4

National Research Council. Panel on Short-Range Prediction. Severe storms: prediction, detection, and warning: a report of the Panel on Short-Range Prediction and Panel on Severe Storms... Washington, National Academy of Sciences, 1977. QC 997.5.N37 1977

Symposium on Tornadoes Assessment of Knowledge and Implications for Man, Texas Tech. University, 1976. Proceedings. Lubbock, Texas (Institute for Disaster Research, 1976). QC 955.S99+ 1976

Wagler, David. The mighty whirlwind. Aylmer, Ont., Pathway Pub., 1966. QC 995.W217

World Meteorological Organization. The quantitative evaluation of the risk of disaster from tropical cyclones: report of a WMO/UNEP project on the meteorological and hydrological aspects. Geneva: Secretariat of the World Meteorological Organization, 1976. *QC 851.W6445.S4+ no.8

VOLCANOES

Anderson, Tempest. Volcanic studies of many lands, being reproductions of photographs by the author of the above 100 actual objects, with explanatory notices. London, J. Murray, 1903.

Bonney, Thomas George. Volcanoes, their structure and significance. 2d edition. London, Murray, 1902. QE 522.B63+ 1902

Brouwer, Henrik Albertus. Vulkanen. Den Haag, Servire (1946) QE 522.B8

Bullard, Fred Mason. Volcanoes in history, in theory, in eruption. (Austin) Univ. of Texas Press (1962). QE 522.B87

Bullard, Fred Mason. Volcanoes of the Earth. (Published in 1962 under title: Volcanoes: in history, in theory, in eruption). Austin, Univ. of Texas (1976). QE 522.B87 1976

Darwin, Charles Robert. Geologische Beobachtungen ueber die vulcanischen Inseln, mit kurzen Bemerkungen ueber die Geologie von Australien und dem Cap der Guten Hoffnung. Stuttgart, Schweizerbart, 1877. QE 3.D229+ pt.1

Dauvillier, Alexandre. Le volcanisme lunaire et terrestre; origine des continents, des oceans et des atmospheres, l'energie geothermique. Paris, A. Michel (1958). QE 522.D28

Einarsson, Trausti, editor. The eruption of Hekla, 1947-48. Published jointly with the Museum of Natural History, Reykjavik. Reykjavik, H.F. Leiftur, 1949-. Library has v.4, pt.2-3 only. QE 523.H4 E5

Fuchs, Carl Wilhelm C. Les volcans et les tremblements de terre. Paris, G. Baillier, 1876. QE 522.F84+

Furneaux, Rupert. Krakatoa. Englewood Cliffs, N.J., Prentice-Hall, 1964. QE 523.K9 F8

Gorshkov, Geogii Stepanovich. Volcanism and the upper mantle; investigations in the Kurile Island arc. Translated from the Russian. New York, Plenum, 1970. QE 527.G613

Hull, Edward. Volcanoes: past and present. London, W. Scott, 1892. QE 522.H9

Iddings, Joseph Paxson. The problem of volcanism. New Haven, Yale Univ. Press, 1914. QE 522.I4

International Congress on Thermal Waters, Geothermal Energy and Vulcanism of the Mediterranean Area, Athens, 1976. Vulcanism: proceedings. National Technical Univ., Dept. of Mineralogy, Petrology, Geology. QE 527.I53+ 1976

International Scientific Congress on the Volcano of Thera, Greece, 1st, 1969. Acta of the first international scientific congress of the Volcano Thera. Athens, 1971. OVSZ QE 527.I58+ 1969

International Volcanological Association. Catalogue of the active volcanoes of the world, including solfatara fields. Napoli, 1951-. Library has 21 volumes. QE 522.I6

Journal of volcanology and geothermal research. New York, Elsevier Scientific, 1976-. *QE 521.5.J67

MacDonald, Gordon Andrew. Volcanoes. Englewood Cliffs, N.J., Prentice-Hall, (1972). QE 522.M18

Ollier, Cliff. Volcanoes. Cambridge, M.I.T. Press, 1969. QE 521.043 1969b

Palmieri, Luigi. The eruption of Vesuvius in 1872. With notes and an introductory sketch of the present state of knowledge of terrestrial vulcanicity, the cosmical nature, and relations of volcanoes and earthquakes. London, Asher, 1873. QE 523.V5 P2

Perrey, Alexis. Bibliographie seismique. Catalogue des livres memoires et notes sur les tremblements de terre et les phenomenes volcaniques. Dijon, Rabutot, 1855-65. Z 6033.E1 P6

Phillips, John. Vesuvius. Oxford, The Clarendon Press, 1869. QE 523.V5 P5

Physical volcanology; edited by L. Civetta. New York, Elsevier, 1974. QE 522.P58

Rittman, Alfred. Volcanoes. New York, Putnam, c1976. QE 521.2.R57 1976

Rittman, Alfred. Volcanoes and their activity. Translated from 2d German edition. New York, Interscience, 1962. QE 522.R613

Rittman, Alfred. Les volcans et leur activite. Ed. francaise a partir de la 2. ed. originale. Paris, Masson, 1963. QE 522.R6 1963

Rittman, Alfred. Vulkane und ihre Taetigkeit. 2. umgearb. and erweiterte Aufl. Stuttgart, Enke, 1960. QE 522.R6 1960

Rodwell, George Farrer. Etna, a history of the mountain and of its eruptions. London, C.K. Paul, 1878. QE 523.E8 R6

Royal Society of London. Krakatoa Committee. The eruption of Krakatoa, and subsequent phenomena. London, Trubner & Co., 1888. QE 523.K9 R8

Sapper, Karl Theodor. In den Vulcangebieten Mittelamerikas und Westindiens. ...Studien ueber Vulcanausbrueche der Jahre 1902 bis 1903. Stuttgart, E. Schweizerbartsche Verlagshabdlung, 1905. QE 524.S24

Schmidt, Johann F. Studien ueber Erdbeben. Leipzig, Carl Scholze, 1874-75. QE 501.3.S36+

Scrope, George Julius Doncombe Poulett. Volcanoes. The character of their phenomena, their share in the structure and composition of the surface of the globe and their relations to its internal forces. With a descriptive catalogue of all known volcanoes and volcanic formations. 2d edition, revised and enlarged with a map of the volcanic areas of the globe. London, Longman, Green, et., 1862. Library also has an 1872 reprint of above. QE 522.S41

Searle, Ernest Johnstone. City of Volcanoes; a geology of Auckland. Auckland, Paul's Book Arcade (1964). QE 527.S4

Tazieff, Haroun. Crateres en feu. Paris, Arthaud (1951). QE 522.T38

Tazieff, Haroun. The making of the earth: volcanoes and continental drift. Westmead, England, Saxon House, 1974. QE 522.T4313

Torarinsson, Sigurdur. Surtsey; the new island in the North Atlantic. Translated by Solvi Eysteinnsson. New York, Viking Press (1967, cl966) GB 478.58.T5 1967

Tyrrell, George Walter. Volcanoes. New York, Holt & Co., 1931. QE 522.T8 1931a

UNESCO. The surveillance and prediction of volcanic activity. Paris, 1971. QE 527.5.U54 1971

Vinogradov, V.N. Sovremennoe oledenenie raionov aktivnogo vulkanizma. Moskva, Nauka, 1975. GB 2556.K32 V56

Volcanism in Australasia: a collection of papers in honour of the late G.A.M. Taylor. Edited by R.W. Johnson. New York, Elsevier Scientific Pub. Co., 1976. QE 527.V64

Warrick, Richard A. Volcano hazard in the United States; a research assessment. Boulder, Institute of Behavioral Science, Univ. of Colorado, 1975. QE 524.W33

Zurcher, Frederic. Volcanoes and earthquakes, ancient and modern; including geysers, thermal springs, mud volcanoes, springs and wells of fire, mineral oil springs, lunar volcanoes, etc. New edition with additions. London, Blackie & Son, 1874. OVSZ QE 522.287+